

Patent Abstracts of Japan

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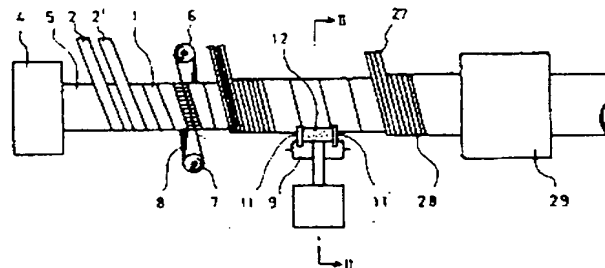
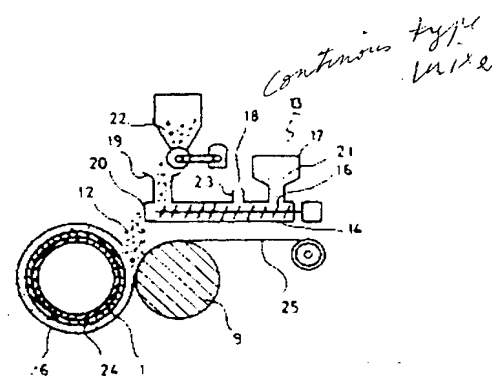
APPLICATION DATE : 11-09-81
APPLICATION NUMBER : 56144305

APPLICANT : SEKISUI CHEM CO LTD;

INVENTOR : ISHIDA HIROSHI;

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TITLE : MANUFACTURE OF COMPOSITE PIPE



ABSTRACT : PURPOSE: To reduce significantly the abrasion of the surfaces of a screw, a barrel, etc. of a mixer, by feeding a thermosetting resin and a filler while they are being premixed by a mixer, and incorporating an aggregate at a position proximate to the tip of the mixer to form a molding material.

CONSTITUTION: In the method for producing a composite pipe by winding a reinforcing material around a core cylinder 1 that is moved in the axial direction helically to form an inner layer 24, and feeding on the inner layer 24 a molding material 12 that comprises a thermosetting resin, an aggregate and a filler to form an intermediate layer 26, while the thermosetting resin 23 and the filler 21 are being premixed by a continuous type mixer 18, they are fed, and then the aggregate 22 is mixed from a feeding port 19 at a position proximate to the tip of the mixer 13 to form a molding material 12. Thus, the abrasion of the surfaces of the screw 16, the barrel 14, etc. of the mixer 18 can be significantly reduced.

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